

425-201  
#222  
JB  
12/31/97

72223 U.S. PTO  
07/18/97

LIMBACH & LIMBACH L.L.P.  
2001 F rry Building, San Francisco, CA 94111  
(415) 433-4150

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. SNUS - 125  
Anticipated Classification of  
this Application:  
Class: \_\_\_\_\_  
Subclass: \_\_\_\_\_  
Prior Application:  
Examiner: G. Hollinden  
Art Unit: 1211

CONTINUATION OR DIVISIONAL APPLICATION UNDER 37 CFR 1.60

Assistant Commissioner  
for Patents  
Box Patent Application  
Washington, D.C. 20231

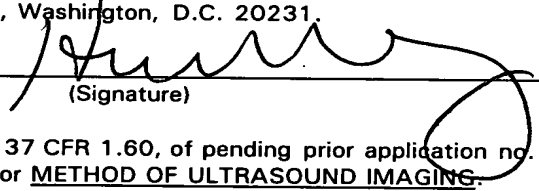
Sir:

CERTIFICATION UNDER 37 CFR 1.10

I hereby certify that this New Application and the documents referred to as enclosed herein are being deposited with the United States Postal Service on this date **July 18, 1997**, in an envelope bearing "Express Mail Post Office To Addressee" Mailing Label Number **EM393841454US** addressed to: Box Patent Application, Assistant Commissioner for Patents, Washington, D.C. 20231.

HOWARD WONG

(Name of person mailing paper)



(Signature)

This is a request for filing a ☒ continuation application under 37 CFR 1.60, of pending prior application no. 08/770,522 filed on December 20, 1996 of Steven C. Quay for METHOD OF ULTRASOUND IMAGING.

1. ☒ Enclosed is a **COMPLETE COPY** of the prior application, including the oath or declaration as originally filed. A declaration verifying it as a true copy appears in ¶23 below. (See ¶13 for drawing requirements.)
2. Name of applicant(s) (as originally filed and as last amended) and current correspondence address of applicant(s):  
Steven C. Quay,  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. ☒ This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are  
☒ the same  
☐ less than those named in the prior application and it is requested that the following inventor(s) identified above for the prior application be deleted:  
\_\_\_\_\_  
\_\_\_\_\_
4. ☒ The inventorship for all the claims in this application are  
☒ the sam

☐ not the same, and an explanation, including the ownership of the various claims at the time the last claim d invention was made, is submitted.

5. ☒ A verified statement to establish small entity status under 37 CFR 1.9 and 1.27 ☐ is enclosed ☒ was filed in the prior application no. 07/936,011 filed on September 2, 1992 and such status is still proper and desired (37 CFR 1.28(a)).

6. ☒ The filing fee is calculated below:

CLAIMS AS FILED IN THE PRIOR APPLICATION LESS ANY CLAIMS  
CANCELLED BY AMENDMENT BELOW

CLAIMS AS FILED						
	CLAIMS REMAINING AFTER AMENDMENT OF ¶10	CLAIMS ADDED BY PRELIMINARY AMENDMENT OF ¶11	TOTAL CLAIMS FILED	NUMBER EXTRA*	RATE	BASIC FEE \$770
Total Claims	0	20	20	-20 = 0	× 22 =	\$0.00
Independent Claims	0	4	4	-3 = 1	× 80 =	\$80.00
___ FIRST PRESENTATION OF MULTIPLE DEP CLAIM					+ 260 =	\$
TOTAL						\$850.00

Small Entity 50% Filing Fee Reduction (if applicable) \$425.00

\* If the difference is less than zero, enter "0."

7. ☒ A check in the amount of \$425.00 is enclosed.

8. **AUTHORIZATION TO CHARGE ADDITIONAL FEES**

☒ The Commissioner is hereby authorized to charge the following **ADDITIONAL** fees which may be required by this paper and during the entire pendency of this application to Account No. 12-1420. The Commissioner is hereby authorized to charge payment of any fees associated with this communication or credit any overpayment to Deposit Account No. 12-1420. **A duplicate copy of this sheet is enclosed.**

☒ 37 CFR 1.16 (filing fees)

☒ 37 CFR 1.16 (presentation of extra claims)

☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)

☐ 37 CFR 1.17 (application processing fees)

☐ 37 CFR 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)).

9. **INSTRUCTIONS AS TO OVERPAYMENT**

☒ credit Account No. 12-1420

☐ refund

10. ☐ Cancel in this application original Claims of the prior application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes).

11. ☒ A preliminary amendment is enclosed. (Claims added by this amendment have been properly numbered consecutively beginning with the number next following the highest numbered originally claimed in the prior application.)

12. ☒ **RELATE BACK - 35 USC 120:** Amend the specification by inserting before the first line the sentence:

--This is a ☒ continuation of Application no. 08/770,522, filed December 20, 1996, which is a

continuation application of application No. 08/649,910, filed May 16, 1996 which is a continuation application of 08/380,085 filed January 30, 1995, now U.S. Patent No. 5,558,854 which is a divisional application of 07/936,011 filed September 2, 1992 which is a continuation-in-part application of 07/893,657 filed June 5, 1992, now U.S. Patent No. 5,409,688 which is a continuation-in-part application of 07/761,311 filed September 17, 1991.--

[Note to form user: lines for item 12 are intentionally spaced to permit Examiner amendments.]

### 13. DRAWINGS

- ☐ Transfer the drawings from the prior application to this application and abandon said prior application as of the filing date accorded this application. A duplicate copy of this sheet is enclosed for filing in the prior application file. (May only be used if signed by person authorized by 37 CFR 1.138 and before payment of base issue fee.)
- ☐ New formal drawings are enclosed.

### 14. PRIORITY

- ☐ Priority of application no. \_ filed on \_ in \_ is claimed under 35 USC 119.
- ☐ The certified copy of the priority application has been filed in prior application no. \_ filed on \_.

### 15. ASSIGNMENT

- ☒ The prior application is assigned of record to Sonus Pharmaceuticals, Inc., 20336 20th Avenue S.E., Suite 102, Bothell, WA 98021; Assignment recorded in PTO on September 2, 1993, Reel 6676 Frame(s) 0699.
- ☐ The prior application is assigned, and the assignment (copy attached) was submitted to PTO for recording on \_.
- ☐ An assignment of the invention to is attached. A copy of Form PTO-1595 (Recordation Cover Sheet) is also attached.

16. ☒ The power of attorney in the prior application is to the members of the firm of LIMBACH & LIMBACH L.L.P., 2001 Ferry Building, San Francisco, California, 94111, a firm composed of:

Karl A. Limbach	18,689	Stephen M. Everett	30,050	Alan A. Limbach	39,749
George C. Limbach	19,305	Alfred A. Equitz	30,922	Douglas C. Limbach	35,249
John K. Uilkema	20,282	W. Patrick Bengtsson	32,456	Brian J. Keating	39,520
J. William Wigert, Jr.	24,582	Mark A. Dalla Valle	34,147	Seong-Kun Oh*	
Philip M. Shaw, Jr.	25,376	Charles P. Sammut	28,901	Mayumi Maeda	40,075
Neil A. Smith	25,441	Richard A. Nebb	33,540	Kent J. Tobin	39,496
Veronica C. Devitt	29,375	Richard E. Wawrzyniak	36,048	Michael R. Ward	38,651
Ronald L. Yin	27,607	Alan D. Minsk	35,956	Steven M. Santisi	40,157
Gerald T. Sekimura	30,103	Mark C. Pickering	36,239	J. Thomas McCarthy	22,420
Michael A. Stallman	29,444	Kathleen A. Frost	37,326	Philip D. Reilly	P-41,415
Philip A. Girard	28,848	Alan S. Hodes	38,185		
Michael J. Pollock	29,098	Patricia Coleman James	37,155		

\* Recognition under 37 CFR 10.9(b)

- a. ☐ The power appears in the original papers in the prior application.
- b. ☐ Since the power does not appear in the original papers, a copy of the power in the prior application is enclosed.
- c. ☐ A new power has been executed and is attached.
- d. ☒ Address all future communications to LIMBACH & LIMBACH L.L.P., Attn: W. Patrick Bengtsson, 2001 Ferry Building, San Francisco, California, 94111.

17. STATEMENT UNDER 37 CFR 3.73(B) (certification of title in assignee, if applicable, see MPEP 324)  
☐ A statement satisfying the requirements of 37 CFR 3.73(b)  
☐ is attached.  
☐ was filed in the prior application.  
☐ A copy of the statement previously filed in the prior application is attached.
18. ☒ An Information Disclosure Statement is enclosed with Form PTO-1449 (modified) and ten references.
19. ☐ Enclosed is a Statement Requesting Deletion of Names of Persons Who are No Longer Inventors.
20. MAINTENANCE OF COPENDENCY OF PRIOR APPLICATION  
(This item must be completed and the necessary papers filed in the prior application if the period set in the prior application has run).  
☐ A petition, fee and response has been filed to extend the term in the pending prior application until \_\_\_\_\_.  
☐ A copy of the petition for extension of time in the prior application is attached.
21. CONDITIONAL PETITIONS FOR EXTENSION OF TIME IN PRIOR APPLICATION  
(Complete this item and file conditional petition in prior application if previous item (20) not applicable).  
☐ A conditional petition for extension of time is being filed in the pending prior application.  
☐ A copy of the conditional petition for extension of time in the prior application is attached.
22. ABANDONMENT OF PRIOR APPLICATION  
☐ Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted and when this application is granted a filing date so as to make this application copending with said prior application.
23. ☒ I hereby verify that the attached papers are a true copy of prior complete application no. \_\_\_\_\_ and no amendments referred to in the oath or declaration filed to complete the prior application introduced new matter therein.


The undersigned declares further that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

LIMBACH & LIMBACH L.L.P.

July 17, 1997  
(Date)

Atty Docket: SNUS-125

By:

  
\_\_\_\_\_  
W. Patrick Bengtsson  
Registration No. 32456  
Attorney(s) or Agent(s) of Record

69564 U.S. PTO

08/896821



07/18/97

Serial/Patent/Reg. No. **NEW APPLICATION L&L File No. SNUS-124**

By: **MRW/dls**

In the Matter of the Application of: **STEVEN C. QUAY**

Title/Mark: **GASEOUS ULTRASOUND CONTRAST MEDIA AND METHOD FOR SELECTING GASES FOR USE AS ULTRASOUND CONTRAST MEDIA**

Date Mailed: **Dec. 20, 1996**

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

<input checked="" type="checkbox"/> Transmittal Letter	<input type="checkbox"/> Trademark (Use) Appln., Drawing and _____ Specimens
<input checked="" type="checkbox"/> Patent Application <u>Continuation/SNUS 121</u>	<input type="checkbox"/> ITU Trademark Application and Drawing
_____ pgs. specification including _____ pgs. claims	<input type="checkbox"/> Request for Extension of Time (trademark)
Drawings _____ sheets _____ formal _____ informal	(Notice of Allowance: _____)
<input type="checkbox"/> Oath/Declaration	<input type="checkbox"/> Statement of Use/Amendment to Allege Use
<input type="checkbox"/> Assignment w/ Form PTO-1595	<input type="checkbox"/> Section 8 & 15 Declaration
<input type="checkbox"/> Power of Attorney	<input type="checkbox"/> Trademark Renewal Application and _____ Specimen
<input type="checkbox"/> Small Entity Declaration	<input type="checkbox"/> Opposition to _____
<input checked="" type="checkbox"/> Deposit Account Authorization (in duplicate)	<input type="checkbox"/> Petition for Cancellation
<input type="checkbox"/> Information Disclosure Statement, PTO-1449 w/ _____ references	<input type="checkbox"/> Certificate of Mailing
<input checked="" type="checkbox"/> Check \$ <u>520.00</u>	<input checked="" type="checkbox"/> Express Mail Certificate No. <u>TB377890480US</u>
<input checked="" type="checkbox"/> <del>Amendment/Response</del> <b>Preliminary</b>	<input type="checkbox"/> Certificate under §3.73(b)
<input type="checkbox"/> Request for Extension of Time (_____ months (Patent))	<input type="checkbox"/> Certificate of Correction (PTO Form 1050)
<input type="checkbox"/> Terminal Disclaimer	<input type="checkbox"/> Petition for _____
<input type="checkbox"/> Notice of Appeal	Other: _____
<input type="checkbox"/> Appeal Brief (in triplicate)	<b>61851 U.S. PTO</b>
<input type="checkbox"/> Letter to Official Draftsman	<b>08770522</b>
<input type="checkbox"/> Issue Fee Transmittal	
<input type="checkbox"/> Maintenance Fee Transmittal	<b>12/20/96</b>
<input type="checkbox"/> Request for _____	

Serial/Patent/Reg. No. NEW APPLICATION L&L File No. SNUS-124

By: MRW/dls

In the Matter of the Application of: STEVEN C. QUAY

Title/Mark: GASEOUS ULTRASOUND CONTRAST MEDIA AND METHOD FOR  
SELECTING GASES FOR USE AS ULTRASOUND CONTRAST MEDIA

Date Mailed: Dec. 20, 1996

The following has been received in the U.S. Patent and Trademark Office on the date stamped hereon:

<input checked="" type="checkbox"/> Transmittal Letter	Trademark (Use) Appln., Drawing and _____ Specimens
<input checked="" type="checkbox"/> Patent Application <u>continuation/SNUS 121</u>	ITU Trademark Application and Drawing
_____ pgs. specification including _____ pgs. claims	_____ Request for Extension of Time (trademark)
_____ Drawings _____ sheets _____ formal _____ informal	(Notice of Allowance: _____)
_____ Oath/Declaration	_____ Statement of Use/Amendment to Allege Use
_____ Assignment w/ Form PTO-1595	_____ Section 8 & 15 Declaration
_____ Power of Attorney	_____ Trademark Renewal Application and _____ Specimen
_____ Small Entity Declaration	_____ Opposition to _____
<input checked="" type="checkbox"/> Deposit Account Authorization (in duplicate)	_____ Petition for Cancellation
_____ Information Disclosure Statement, PTO-1449 w/ _____ references	_____ Certificate of Mailing
<input checked="" type="checkbox"/> Check \$ <u>580.00</u>	<input checked="" type="checkbox"/> Express Mail Certificate No. <u>TB377890480US</u>
<input checked="" type="checkbox"/> Amendment <u>Preliminary</u>	_____ Certificate under §3.73(b)
_____ Request for Extension of Time (_____ months)(patent)	_____ Certificate of Correction (PTO Form 1050)
_____ Terminal Disclaimer	_____ Petition for _____
_____ Notice of Appeal	_____ Other: _____
_____ Appeal Brief (in triplicate)	_____
_____ Letter to Official Draftsman	_____
_____ Issue Fee Transmittal	_____
_____ Maintenance Fee Transmittal	_____
_____ Request for _____	_____